

S.No	Type	Command	Description
1	Compression	gzip	To create, view and uncompress zip files
2	DISK mgmt	df -h	To list volume and disk spaces
3	File & Dir mgmt	ls	To list of directories and read properties of file / dir.
4	File & Dir mgmt	mkdir	To create directory
5	File & Dir mgmt	mv	move / rename file and directories
6	File & Dir mgmt	touch	To create create files
7	Handling Output	tee	To view the output on terminal and to re-direct it to a file as well.
8	Handling Output	>> handling Outputs 0,1,2	To redirect only Errors or success or warning messages or all of them to file
9	Monitoring	last	To list users who were logged on to machine
10	Monitoring	wall	To communicate with all logged in user via terminal
11	Monitoring	who	To list current User list who has logged in currently
12	Monitoring	write	To communicate with all logged in user via terminal
13	Monitoring	head	list the top 10 lines of the outputs
14	Monitoring	tail	list the last 10 lines of the outputs
15	Monitoring	tar	cmd to create / view and un compress the tar files
16	Networking	netstat	To list current port / socket Usage and their status
17	Performance	free	To list current free memory
18	Performance	htop	list the current utilization of machine
19	Performance	kill	To terminate a program
20	Performance	top	list the current utilization of machine
21	Performance	/proc/cpuinfo	To list info on current CPU utilization
22	Performance	/proc/cpumem	To list info on current Memory utilization
23	Permissions	chmod	For changing user properties
24	Permissions	chmod -aG usermod	To add user to group
25	Permissions	cmp	To compare two files or objects.
26	Permissions	cp	For copying files and directories
27	Permissions	diff	To find the difference b/w files and objects
28	System	/etc/os-release	To list Operating system information
29	System	/etc/sudoer	To read / modify sudo properties can use for granting sudo access
30	System	/etc/sudoer.d	To read / modify sudo properties can use for granting sudo access
31	System	alias	To create shortcut or shorthand
32	System	history	To list command ran
33	System	sudo	To switch root or run with root privilege
34	System	visudo	Command to edit sudoer file
35	Text processing	cat	To read content of any file
36	Text processing	awk	To find, replace, and print any string operation
37	Text processing	echo	Terminal output
38	Text processing	grep	to find string from an output
39	Text processing	less	To read content of any file page by page
40	Text processing	sed	To find or replace any string operation
41	Text processing	sort	To sort any object
42	Text processing	uniq	To find Unique sting
43	Text processing	vim	To edit any file
44	Text processing	wc	word count
45	USER & Group Mg	/etc/group	To find list of groups, group Names , gid etc
46	USER & Group Mg	groupadd	Creating new Group

47	USER & Group Mg	groupdel	Deleting Group
48	USER Mgmt	/etc/passwd	To find list of users, UID, gid and their membership
49	USER Mgmt	/etc/shadow	To find list of users, their account & Password properties
50	USER Mgmt	id	To list identities of an user or self
51	USER Mgmt	useradd	for adding user
52	USER Mgmt	userdel	For deleting user
53	USER Mgmt	usermod	To modify User accounts & properties
54	USER Mgmt	whoami	shows the identity of a user
55	USER Mgmt	su	switch user
56	scheduling	crontab	To scheduling jobs and scripts to auto run